

### Remarks

Claims 1-9, 13-19, and 28-46, and 56-61 are pending in the application. Claims 1, 40, and 56 have been amended. Claims 10-12, 20-27, and 47-55 were withdrawn from consideration based on an election of species requirement. Withdrawn claims 10-12, 20-27, and 47-55 have also been amended in case the generic claims are allowable so that they are in a form for allowance and issue. No new matter has been added by virtue of this amendment. This amendment supplements Responses C and D that applicant requested be entered in the case. Reconsideration of the application in view of this amendment and those amendments is requested.

### Interview

Applicant would like to thank the Examiner for the interview on May 16, 2003 during which the rejection of claim 1 was discussed and a proposed amendment was discussed.

### Claim Rejections— 35 U.S.C. § 103(a)

The amendment to claim 1 provides that the power amplifier is capable of being operated in a large-signal mode and that the electronic tuning of the electronically tunable reactive component includes non-mechanical electronic tuning when the power amplifier is operated in the large-signal mode. The amendments to claims 40, 47, and 56 are similar.

A large signal mode is commonly understood to mean that the output power is an appreciable fraction of the input power or that the output signal power is more than one tenth of the saturated output power, as described in the specification on page 25, lines 12-13 and on page 26, lines 3-4.

Claim 47 has been amended to be dependent on claim 1. Therefore, applicant requests that the species be rejoined if claim 1 is allowable.

It is believed that the claims are in condition for allowance. Therefore, applicant respectfully requests favorable reconsideration. If there are any questions please call applicant's attorney at 802 864-1575.

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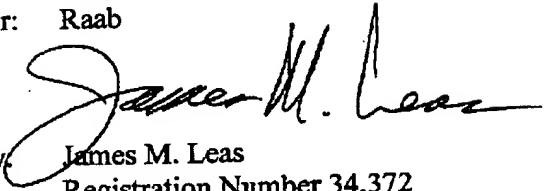
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Respectfully submitted,

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